

## **RAW SEQUENCE LISTING**

**The Biotechnology Systems Branch of the Scientific and Technical  
Information Center (STIC) no errors detected.**

Application Serial Number: \_\_\_\_\_

Source: \_\_\_\_\_

Date Processed by STIC: \_\_\_\_\_

*10/597, 591*

*IFWO*

*08/08/2006*

# ***ENTERED***



IFWO

## RAW SEQUENCE LISTING

DATE: 08/08/2006

PATENT APPLICATION: US/10/597,591

TIME: 08:27:19

Input Set : A:\20010-21USA.ST25.txt

Output Set: N:\CRF4\08082006\J597591.raw

2 <110> APPLICANT: POSCO  
 3 POSTECH Foundation  
 4 POSTECH ACADEMY-INDUSTRY FOUNDATION  
 5 SUH, Pann-Ghill  
 6 BAE, Yoe-Sik  
 7 RYU, Sung Ho  
 8 LEE, Tae Hoon

10 <120> TITLE OF INVENTION: PEPTIDES THAT ANTAGONIZE FPR CLASS RECEPTOR MEDIATED  
 SIGNALING

12 <130> FILE REFERENCE: 20010-21USA  
 14 <140> CURRENT APPLICATION NUMBER: US 10/597,591  
 15 <141> CURRENT FILING DATE: 2006-07-31  
 17 <150> PRIOR APPLICATION NUMBER: US 60/541,730  
 18 <151> PRIOR FILING DATE: 2004-02-04  
 20 <150> PRIOR APPLICATION NUMBER: PCT/KR2005/000329  
 21 <151> PRIOR FILING DATE: 2005-02-03  
 23 <160> NUMBER OF SEQ ID NOS: 36  
 25 <170> SOFTWARE: KopatentIn 1.71  
 27 <210> SEQ ID NO: 1  
 28 <211> LENGTH: 9  
 29 <212> TYPE: PRT  
 30 <213> ORGANISM: Artificial Sequence  
 32 <220> FEATURE:  
 33 <223> OTHER INFORMATION: Synthetic  
 36 <400> SEQUENCE: 1  
 37 Met Tyr Phe Ile Asn Ile Leu Thr Leu  
 38 1 5  
 41 <210> SEQ ID NO: 2  
 42 <211> LENGTH: 6  
 43 <212> TYPE: PRT  
 44 <213> ORGANISM: Artificial Sequence  
 46 <220> FEATURE:  
 47 <223> OTHER INFORMATION: Synthetic  
 50 <400> SEQUENCE: 2  
 51 Trp Lys Tyr Met Val Met  
 52 1 5  
 55 <210> SEQ ID NO: 3  
 56 <211> LENGTH: 6  
 57 <212> TYPE: PRT  
 58 <213> ORGANISM: Artificial Sequence  
 60 <220> FEATURE:  
 61 <223> OTHER INFORMATION: Synthetic  
 64 <220> FEATURE:  
 65 <221> NAME/KEY: PEPTIDE

CP9-6)

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```

66 <222> LOCATION: (6)
67 <223> OTHER INFORMATION: Xaa is m or D-Met while M is L-Met
70 <400> SEQUENCE: 3
W--> 71 Trp Lys Tyr Met Val Xaa
      72   1           5
75 <210> SEQ ID NO: 4
76 <211> LENGTH: 6
77 <212> TYPE: PRT
78 <213> ORGANISM: Artificial Sequence
80 <220> FEATURE:
81 <223> OTHER INFORMATION: Synthetic
84 <400> SEQUENCE: 4
85 Trp Arg Trp Trp Trp Trp
86   1           5
89 <210> SEQ ID NO: 5
90 <211> LENGTH: 6
91 <212> TYPE: PRT
92 <213> ORGANISM: Artificial Sequence
94 <220> FEATURE:
95 <223> OTHER INFORMATION: Synthetic
98 <400> SEQUENCE: 5
99 Arg Arg Trp Trp Trp Trp
100  1           5
103 <210> SEQ ID NO: 6
104 <211> LENGTH: 6
105 <212> TYPE: PRT
106 <213> ORGANISM: Artificial Sequence
108 <220> FEATURE:
109 <223> OTHER INFORMATION: Synthetic
112 <400> SEQUENCE: 6
113 Arg His Trp Trp Trp Trp
114  1           5
117 <210> SEQ ID NO: 7
118 <211> LENGTH: 3
119 <212> TYPE: PRT
120 <213> ORGANISM: Artificial Sequence
122 <220> FEATURE:
123 <223> OTHER INFORMATION: Synthetic
126 <400> SEQUENCE: 7
127 Trp Arg Trp
128  1
131 <210> SEQ ID NO: 8
132 <211> LENGTH: 6
133 <212> TYPE: PRT
134 <213> ORGANISM: Artificial Sequence
136 <220> FEATURE:
137 <223> OTHER INFORMATION: Synthetic
140 <400> SEQUENCE: 8
141 Asp Arg Trp Trp Trp Trp

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142      1          5
145 <210> SEQ ID NO: 9
146 <211> LENGTH: 6
147 <212> TYPE: PRT
148 <213> ORGANISM: Artificial Sequence
150 <220> FEATURE:
151 <223> OTHER INFORMATION: Synthetic
154 <400> SEQUENCE: 9
155 Asp Arg Trp Trp Trp Trp
156      1          5
159 <210> SEQ ID NO: 10
160 <211> LENGTH: 5
161 <212> TYPE: PRT
162 <213> ORGANISM: Artificial Sequence
164 <220> FEATURE:
165 <223> OTHER INFORMATION: Synthetic BOC-Phe-Leu-Phe-Leu-Phe-OH
168 <400> SEQUENCE: 10
169 Phe Leu Phe Leu Phe
170      1          5
173 <210> SEQ ID NO: 11
174 <211> LENGTH: 5
175 <212> TYPE: PRT
176 <213> ORGANISM: Artificial Sequence
178 <220> FEATURE:
179 <223> OTHER INFORMATION: Synthetic isopropylureido-Phe-Leu-Phe-Leu-Phe-OH
182 <400> SEQUENCE: 11
183 Phe Leu Phe Leu Phe
184      1          5
187 <210> SEQ ID NO: 12
188 <211> LENGTH: 6
189 <212> TYPE: PRT
190 <213> ORGANISM: Artificial Sequence
192 <220> FEATURE:
193 <223> OTHER INFORMATION: Synthetic
196 <220> FEATURE:
197 <221> NAME/KEY: PEPTIDE
198 <222> LOCATION: (1)
199 <223> OTHER INFORMATION: Xaa can be Asp, Arg or Trp.
202 <220> FEATURE:
203 <221> NAME/KEY: PEPTIDE
204 <222> LOCATION: (2)
205 <223> OTHER INFORMATION: Xaa can be His, Lys or Arg.
208 <400> SEQUENCE: 12
W--> 209 Xaa Xaa Arg Trp Trp Met
210      1          5
213 <210> SEQ ID NO: 13
214 <211> LENGTH: 6
215 <212> TYPE: PRT
216 <213> ORGANISM: Artificial Sequence

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```

218 <220> FEATURE:
219 <223> OTHER INFORMATION: Synthetic
222 <220> FEATURE:
223 <221> NAME/KEY: PEPTIDE
224 <222> LOCATION: (1)
225 <223> OTHER INFORMATION: Xaa can be Asp, Arg or Trp.
228 <220> FEATURE:
229 <221> NAME/KEY: PEPTIDE
230 <222> LOCATION: (2)
231 <223> OTHER INFORMATION: Xaa can be His, Lys or Arg.
234 <400> SEQUENCE: 13
W--> 235 Xaa Xaa Arg Trp Trp Trp
      236   1           5
239 <210> SEQ ID NO: 14
240 <211> LENGTH: 6
241 <212> TYPE: PRT
242 <213> ORGANISM: Artificial Sequence
244 <220> FEATURE:
245 <223> OTHER INFORMATION: Synthetic
248 <220> FEATURE:
249 <221> NAME/KEY: PEPTIDE
250 <222> LOCATION: (1)
251 <223> OTHER INFORMATION: Xaa can be Asp, Arg or Trp.
254 <220> FEATURE:
255 <221> NAME/KEY: PEPTIDE
256 <222> LOCATION: (2)
257 <223> OTHER INFORMATION: Xaa can be His, Lys or Arg.
260 <400> SEQUENCE: 14
W--> 261 Xaa Xaa Trp Trp Trp Met
      262   1           5
265 <210> SEQ ID NO: 15
266 <211> LENGTH: 6
267 <212> TYPE: PRT
268 <213> ORGANISM: Artificial Sequence
270 <220> FEATURE:
271 <223> OTHER INFORMATION: Synthetic
274 <220> FEATURE:
275 <221> NAME/KEY: PEPTIDE
276 <222> LOCATION: (1)
277 <223> OTHER INFORMATION: Xaa can be Asp, Arg or Trp.
280 <220> FEATURE:
281 <221> NAME/KEY: PEPTIDE
282 <222> LOCATION: (2)
283 <223> OTHER INFORMATION: Xaa can be His, Lys or Arg.
286 <400> SEQUENCE: 15
W--> 287 Xaa Xaa Trp Trp Trp Trp
      288   1           5
291 <210> SEQ ID NO: 16
292 <211> LENGTH: 6

```

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```

293 <212> TYPE: PRT
294 <213> ORGANISM: Artificial Sequence
296 <220> FEATURE:
297 <223> OTHER INFORMATION: Synthetic
300 <220> FEATURE:
301 <221> NAME/KEY: PEPTIDE
302 <222> LOCATION: (1)
303 <223> OTHER INFORMATION: Xaa is w or D-Trp while W is L-Trp.
306 <400> SEQUENCE: 16
W--> 307 Xaa Trp Arg Trp Trp Met
308     1             5
311 <210> SEQ ID NO: 17
312 <211> LENGTH: 6
313 <212> TYPE: PRT
314 <213> ORGANISM: Artificial Sequence
316 <220> FEATURE:
317 <223> OTHER INFORMATION: Synthetic
320 <400> SEQUENCE: 17
321 Trp Trp Arg Trp Trp Trp
322     1             5
325 <210> SEQ ID NO: 18
326 <211> LENGTH: 6
327 <212> TYPE: PRT
328 <213> ORGANISM: Artificial Sequence
330 <220> FEATURE:
331 <223> OTHER INFORMATION: Synthetic
334 <400> SEQUENCE: 18
335 Trp Trp Arg Trp Trp Met
336     1             5
339 <210> SEQ ID NO: 19
340 <211> LENGTH: 6
341 <212> TYPE: PRT
342 <213> ORGANISM: Artificial Sequence
344 <220> FEATURE:
345 <223> OTHER INFORMATION: Synthetic
348 <220> FEATURE:
349 <221> NAME/KEY: PEPTIDE
350 <222> LOCATION: (1)
351 <223> OTHER INFORMATION: Xaa is w or D-Trp while W is L-Trp.
354 <400> SEQUENCE: 19
W--> 355 Xaa Trp Arg Trp Trp Trp
356     1             5
359 <210> SEQ ID NO: 20
360 <211> LENGTH: 6
361 <212> TYPE: PRT
362 <213> ORGANISM: Artificial Sequence
364 <220> FEATURE:
365 <223> OTHER INFORMATION: Synthetic
368 <400> SEQUENCE: 20

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RAW SEQUENCE LISTING ERROR SUMMARY  
PATENT APPLICATION: US/10/597,591

DATE: 08/08/2006  
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Input Set : A:\20010-21USA.ST25.txt  
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Please Note:

Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields of each sequence which presents at least one n or Xaa.

Seq#:3; Xaa Pos. 6  
Seq#:12; Xaa Pos. 1, 2  
Seq#:13; Xaa Pos. 1, 2  
Seq#:14; Xaa Pos. 1, 2  
Seq#:15; Xaa Pos. 1, 2  
Seq#:16; Xaa Pos. 1  
Seq#:19; Xaa Pos. 1  
Seq#:32; Xaa Pos. 6  
Seq#:35; Xaa Pos. 4  
Seq#:36; Xaa Pos. 4

**VERIFICATION SUMMARY**

DATE: 08/08/2006

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TIME: 08:27:20

Input Set : A:\20010-21USA.ST25.txt

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L:71 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:3 after pos.:0  
L:209 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:12 after pos.:0  
L:235 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:13 after pos.:0  
L:261 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:14 after pos.:0  
L:287 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:15 after pos.:0  
L:307 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:16 after pos.:0  
L:355 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:19 after pos.:0  
L:543 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:32 after pos.:0  
L:591 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:35 after pos.:0  
L:611 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:36 after pos.:0